

PRIOR ART

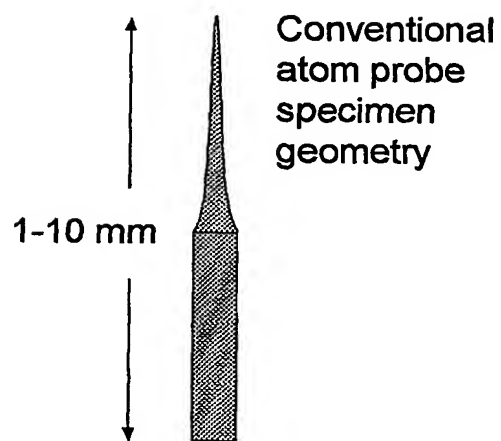


Fig. 1A

LEAP SPECIMEN GEOMETRIES

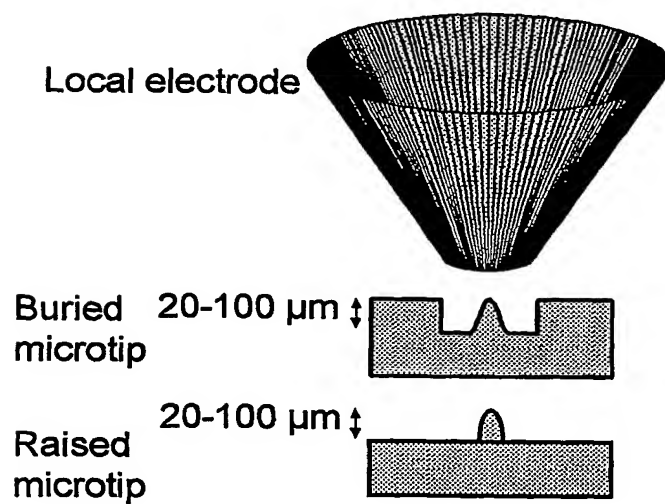
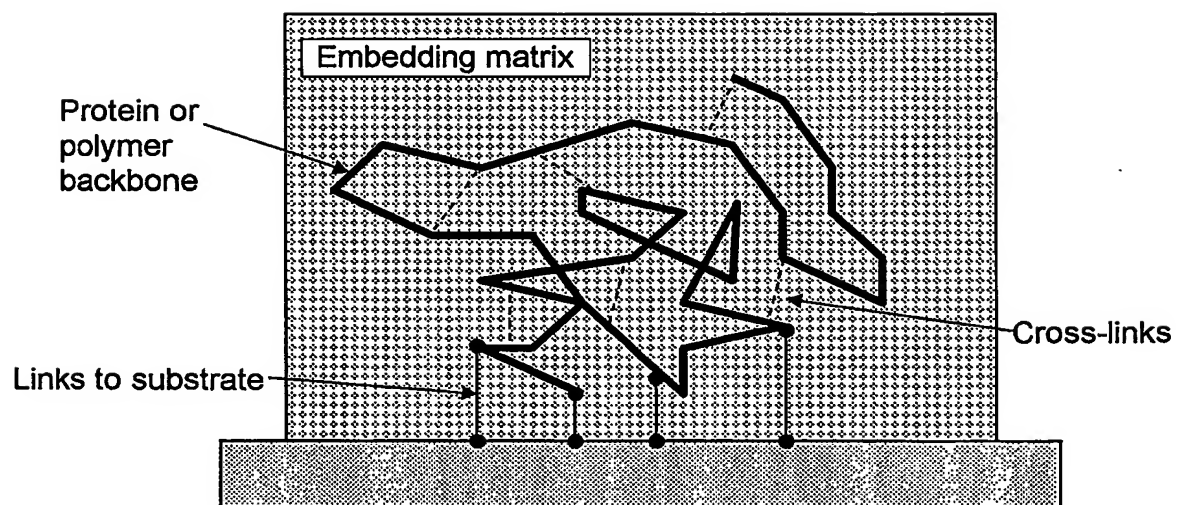


Fig. 1B

**Fig. 2**

Specimen Preparation and Analysis

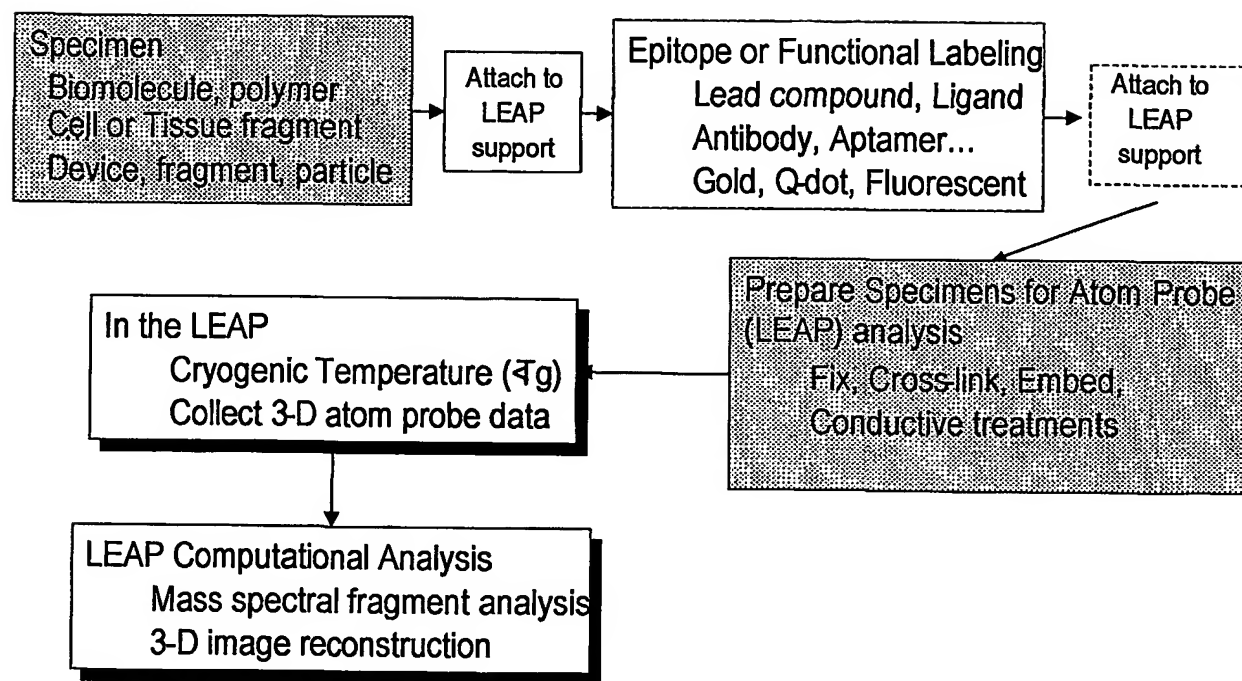


Fig. 3

PREPARATION OF BIOMOLECULAR SPECIMENS

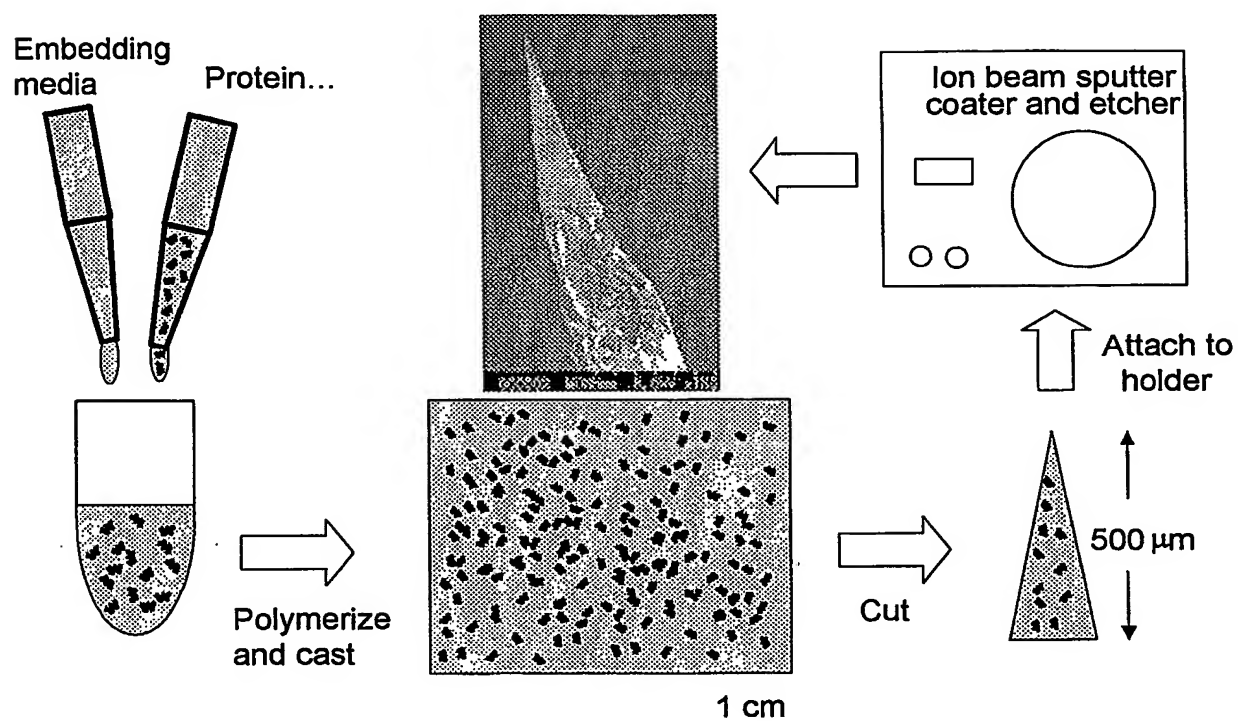


Fig. 4

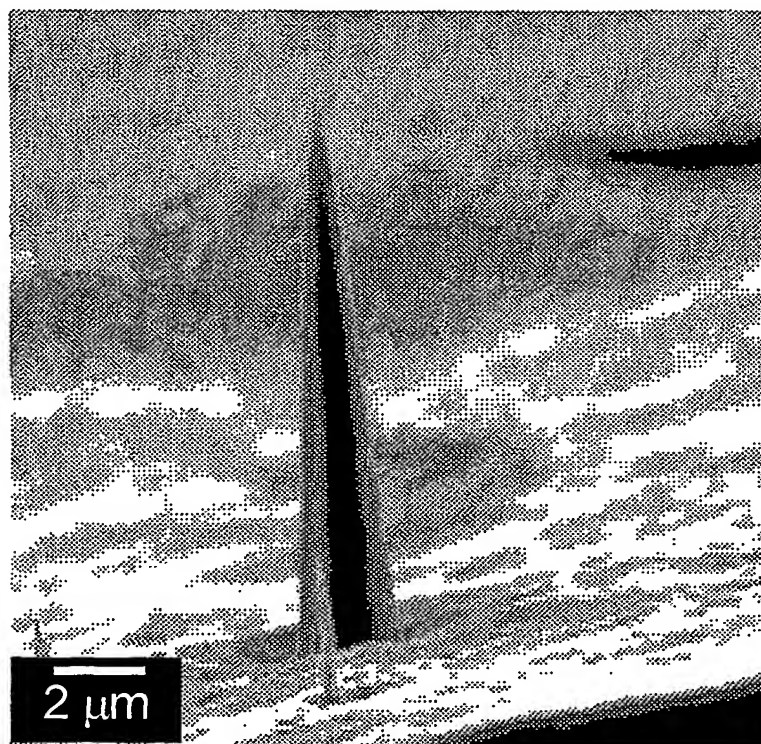
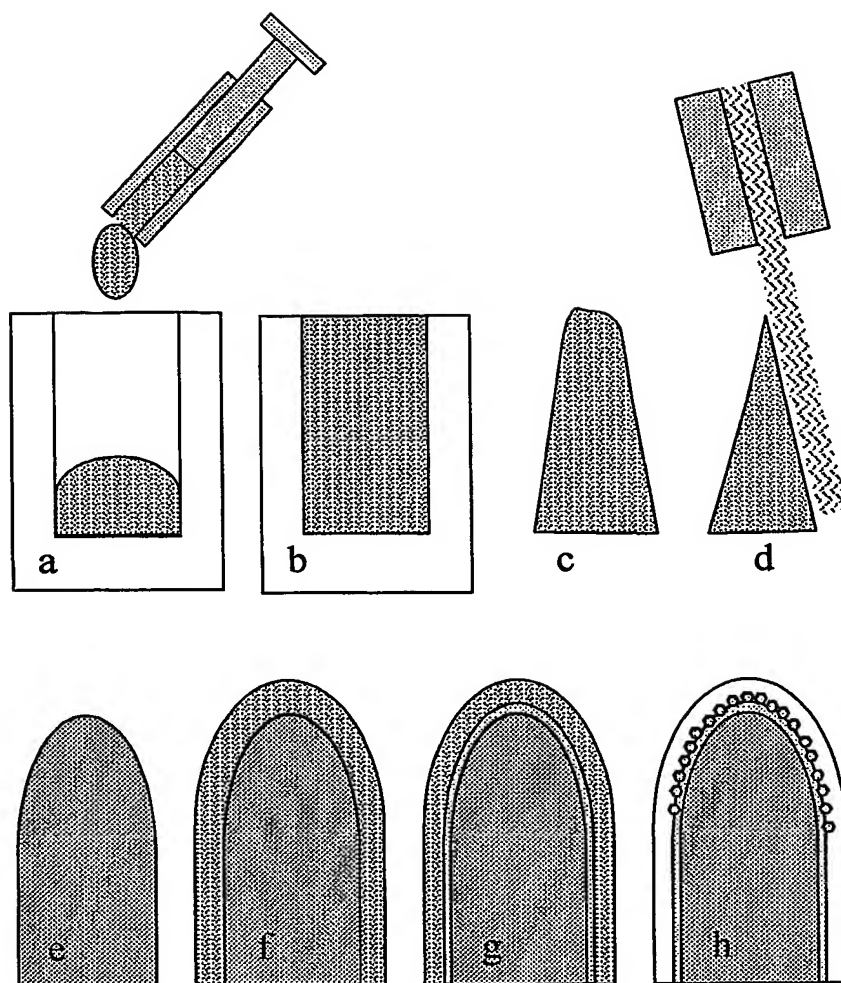


Fig. 5

**Fig. 6**

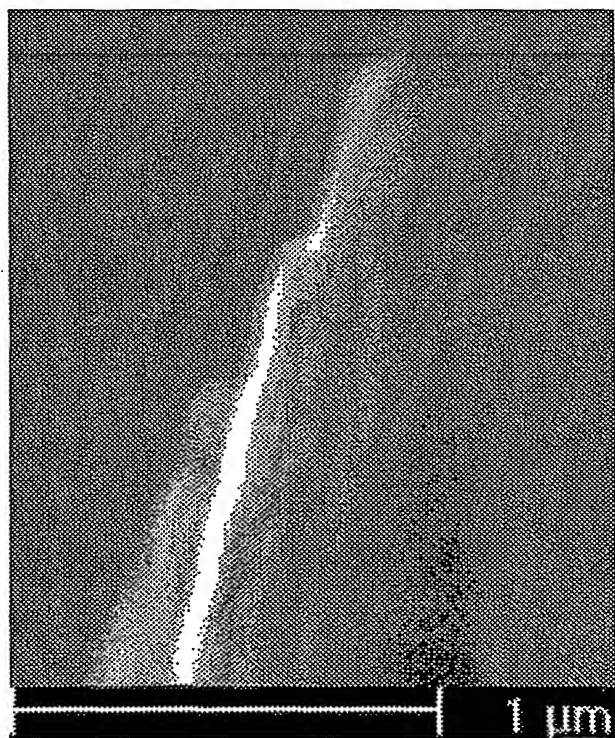
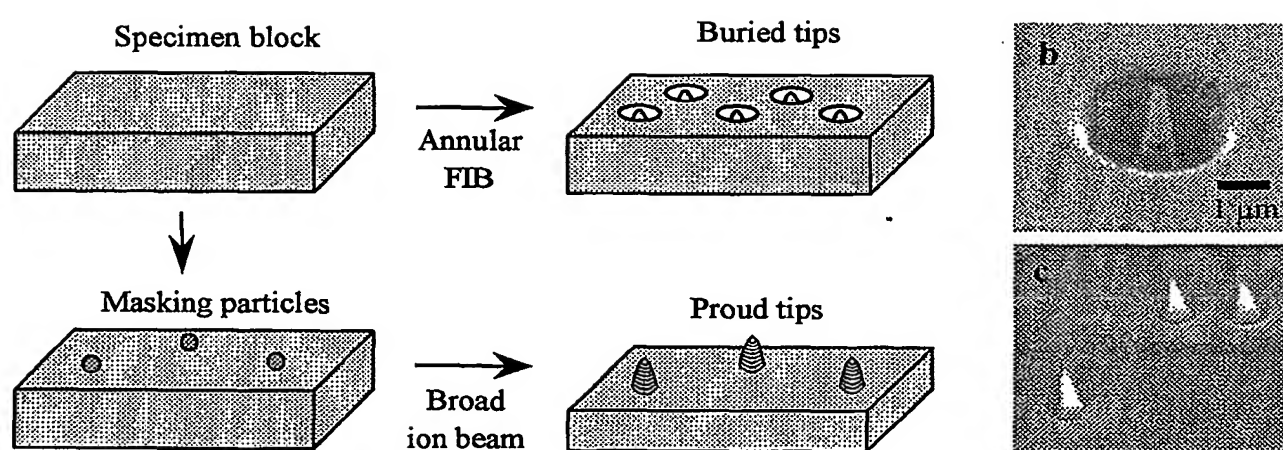
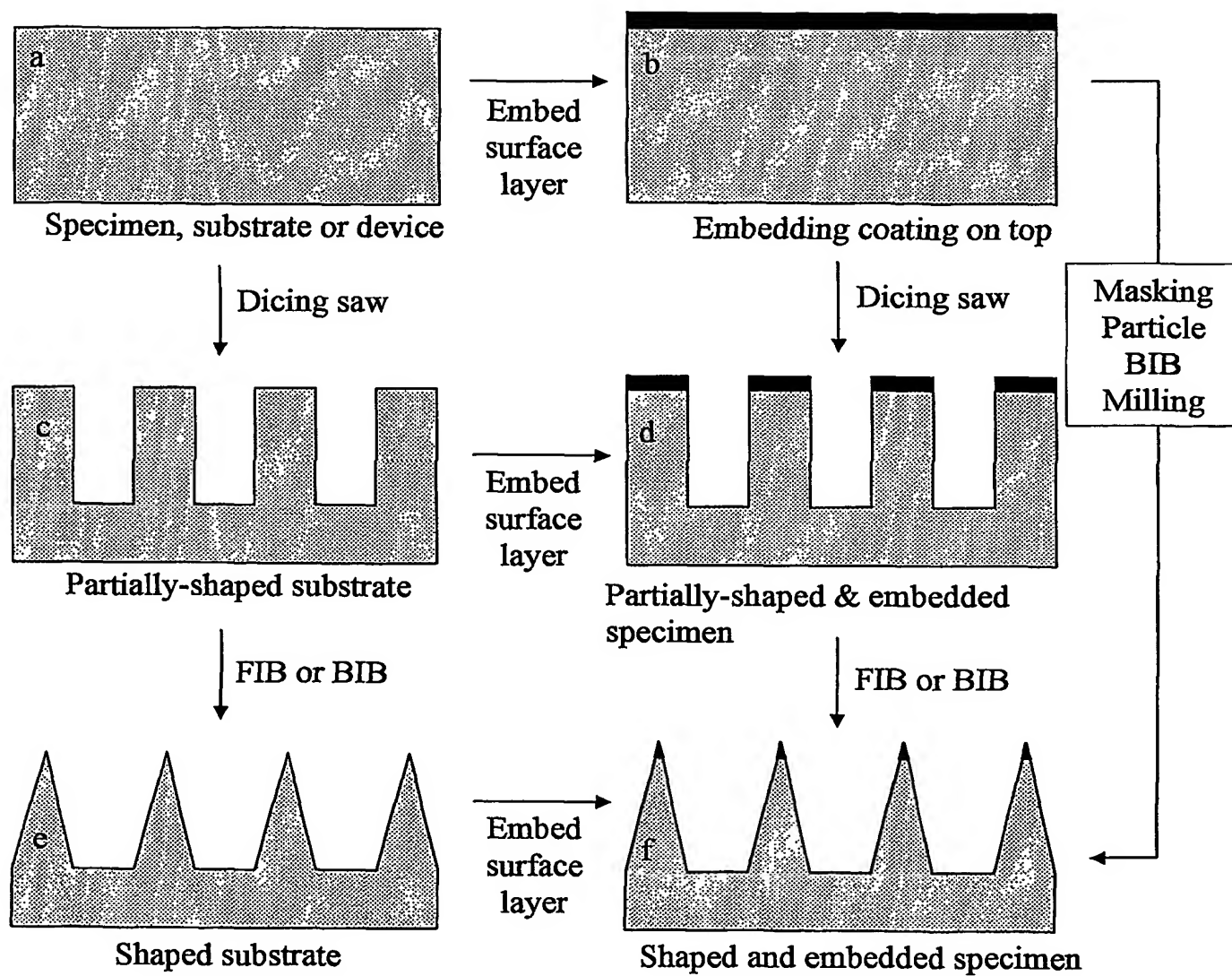
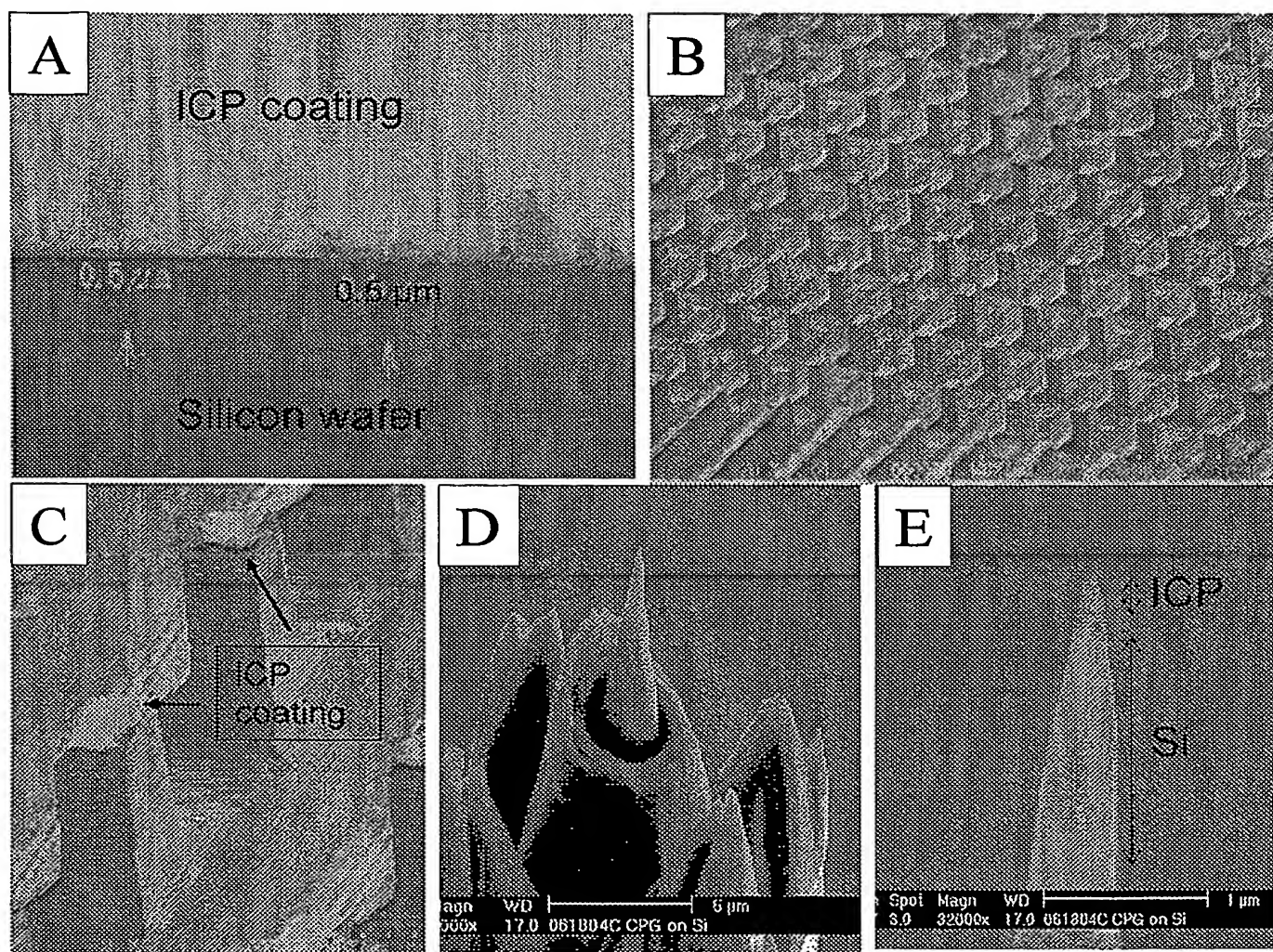


Fig. 7

**Fig. 8**

**Fig. 9**



Figs. 10A, 10B, 10C, 10D, and 10E

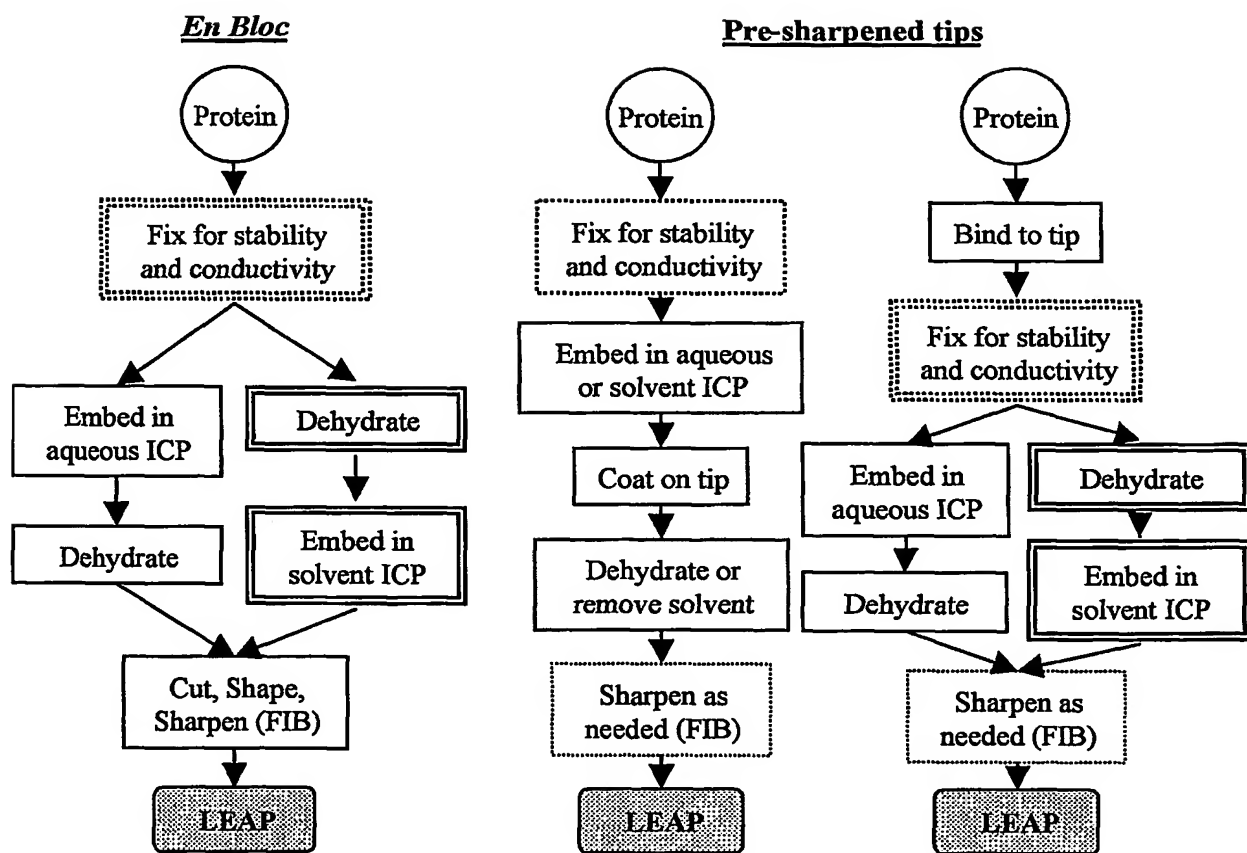


Fig. 11

LEAP analysis of graphite

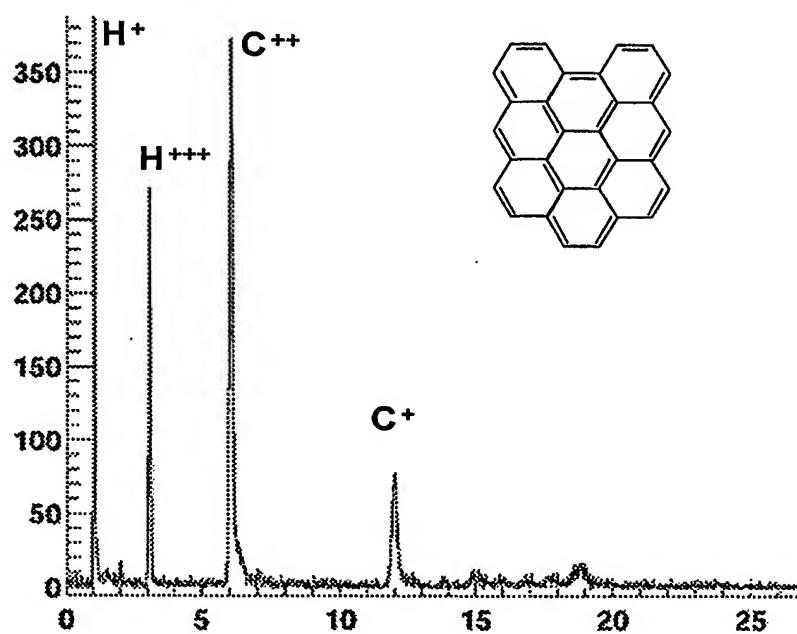


Fig. 12

LEAP ANALYSIS OF PYROLYTIC CARBON HEART VALVE

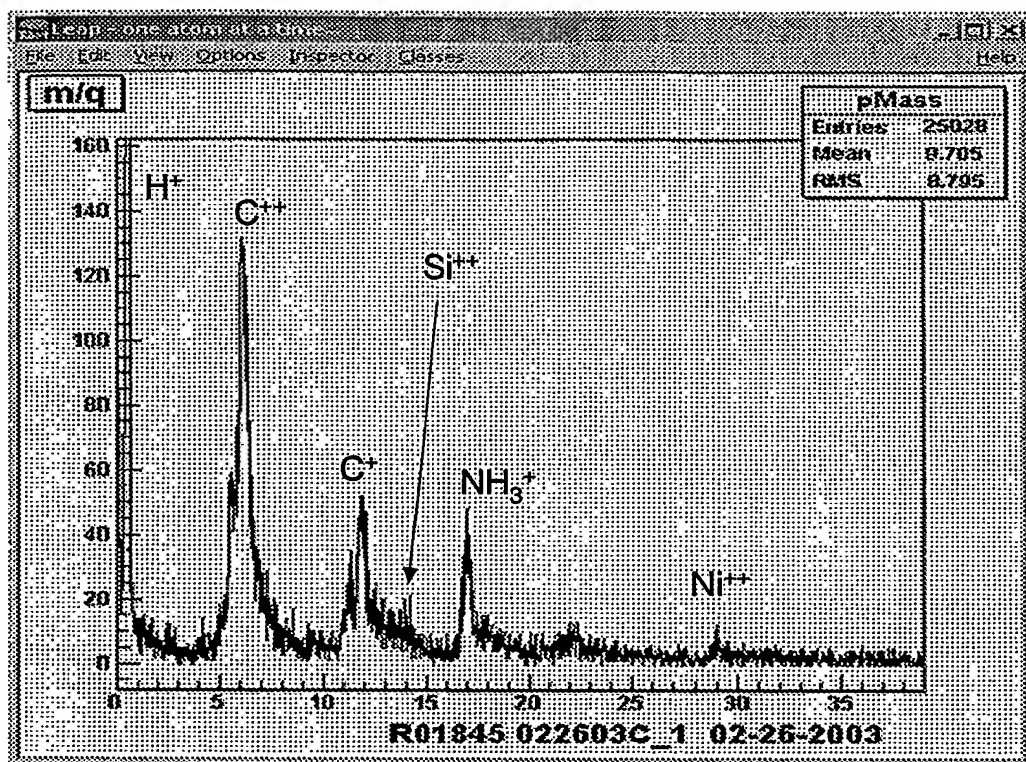
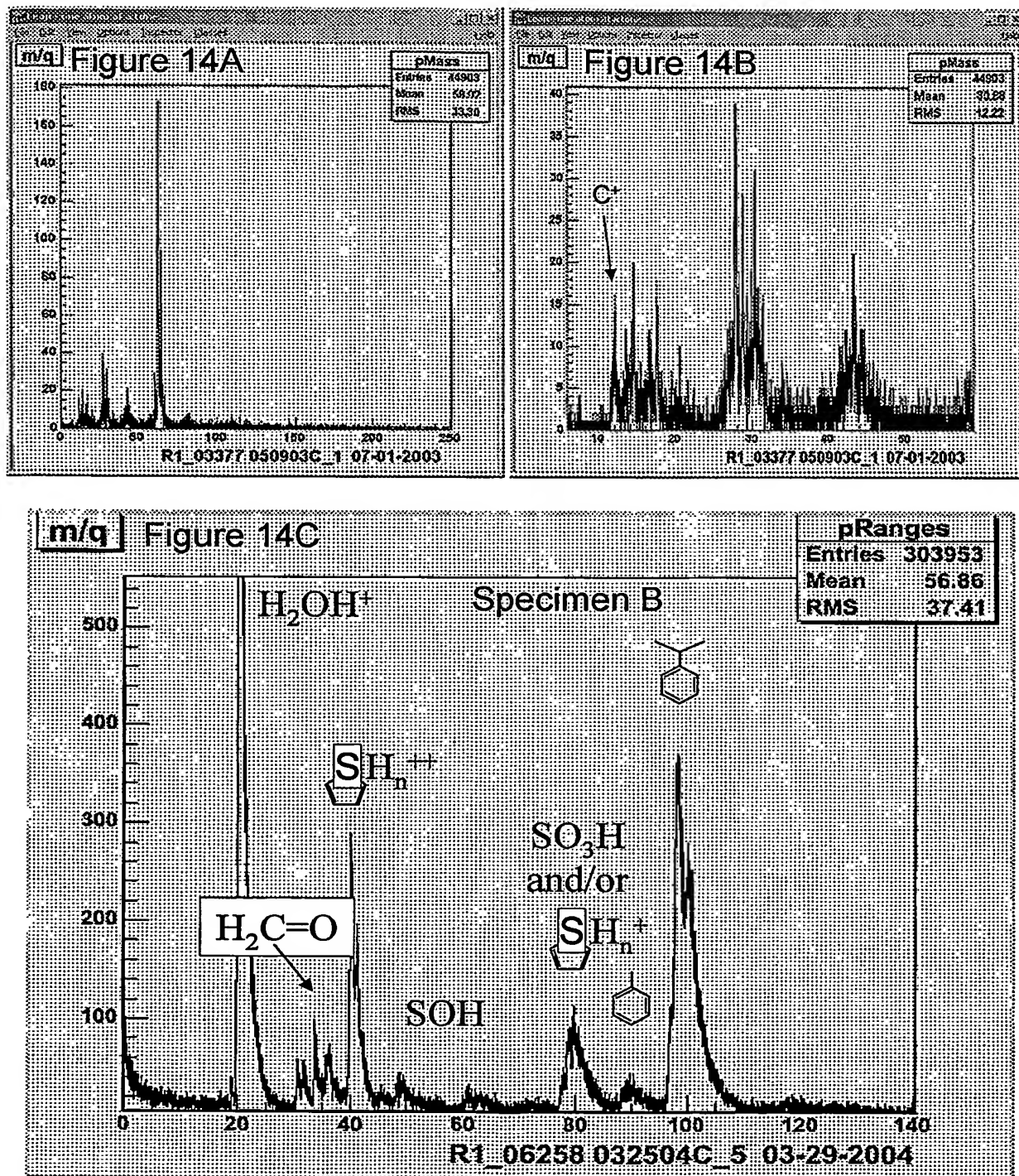
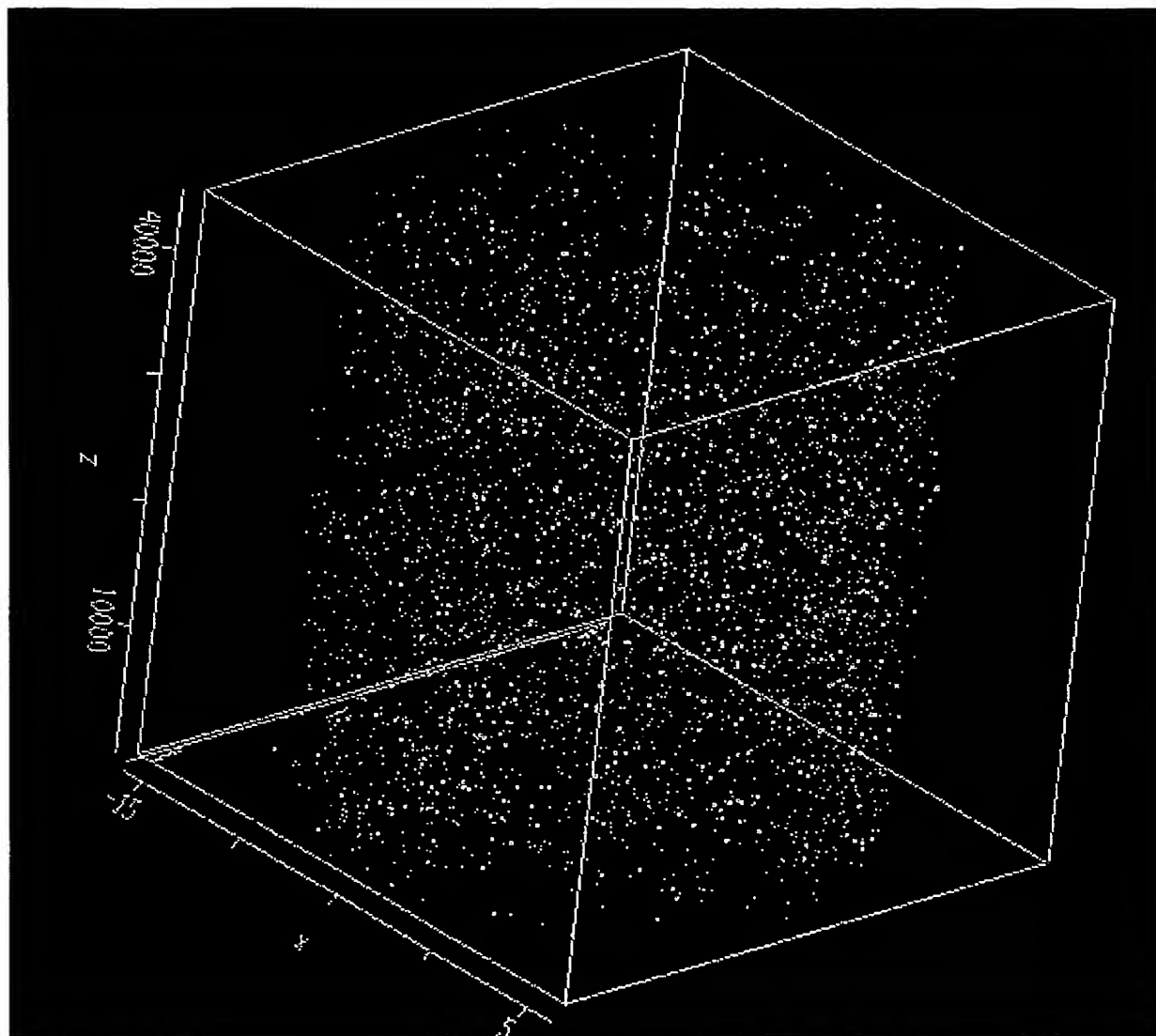
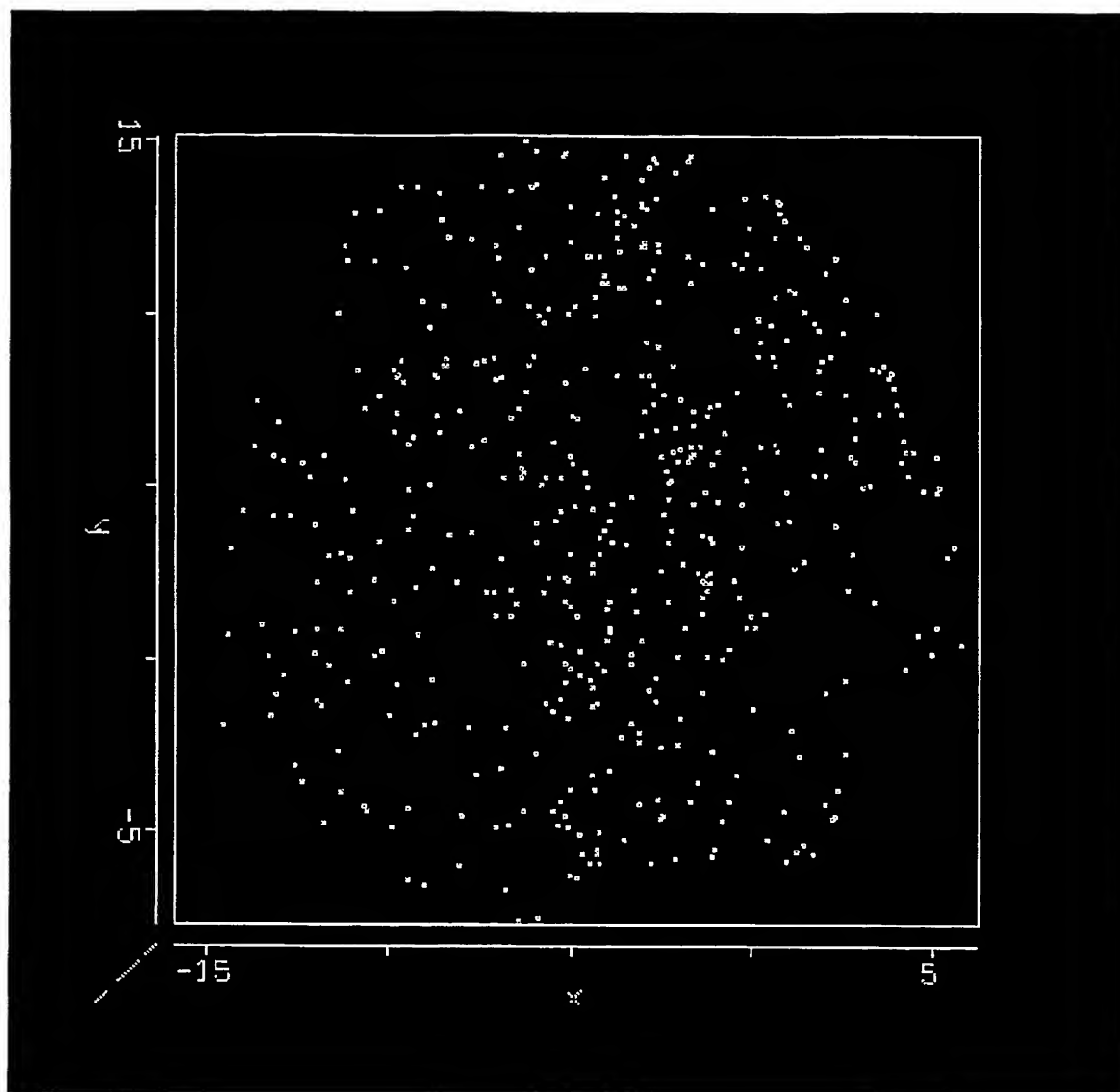


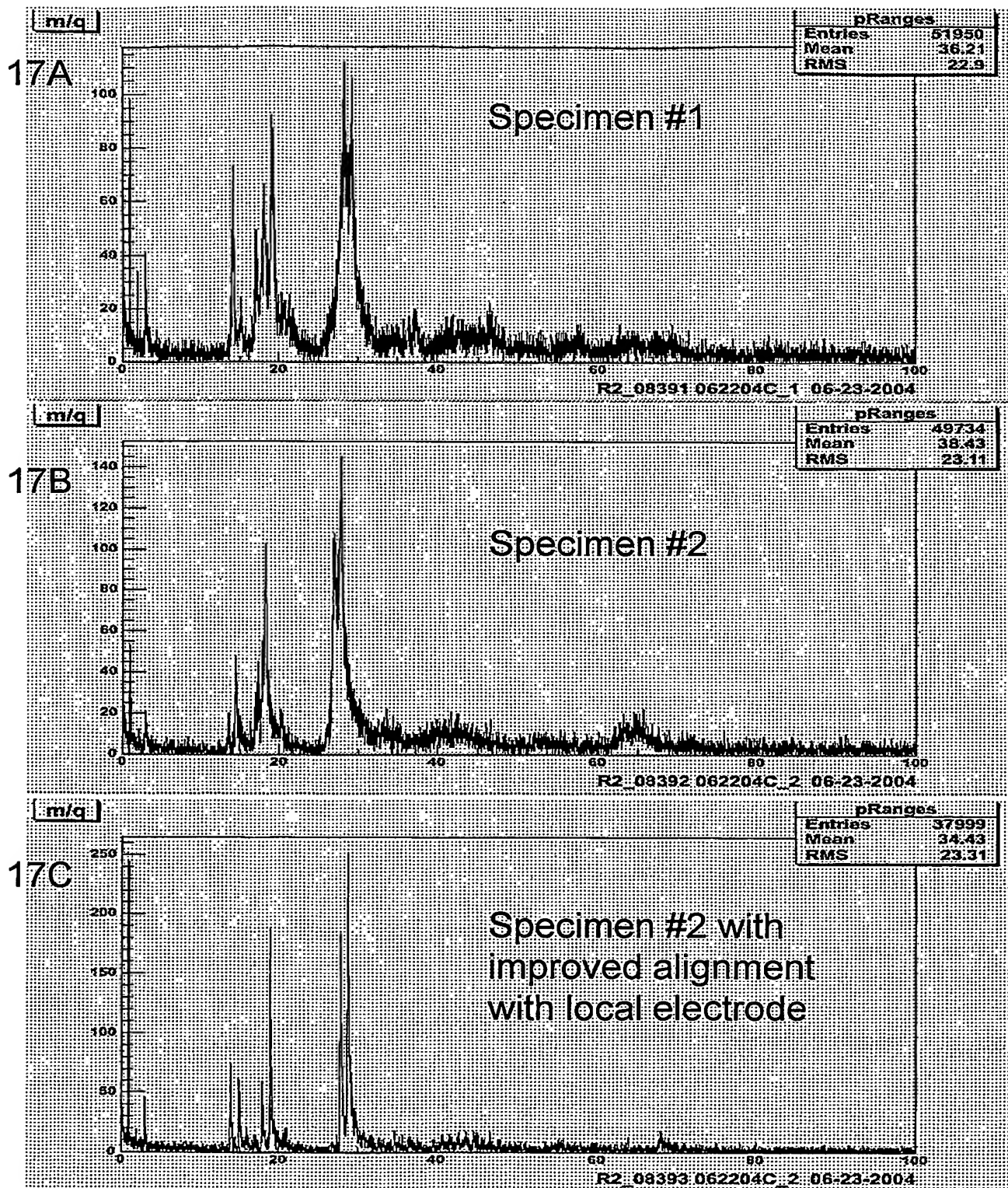
Fig. 13



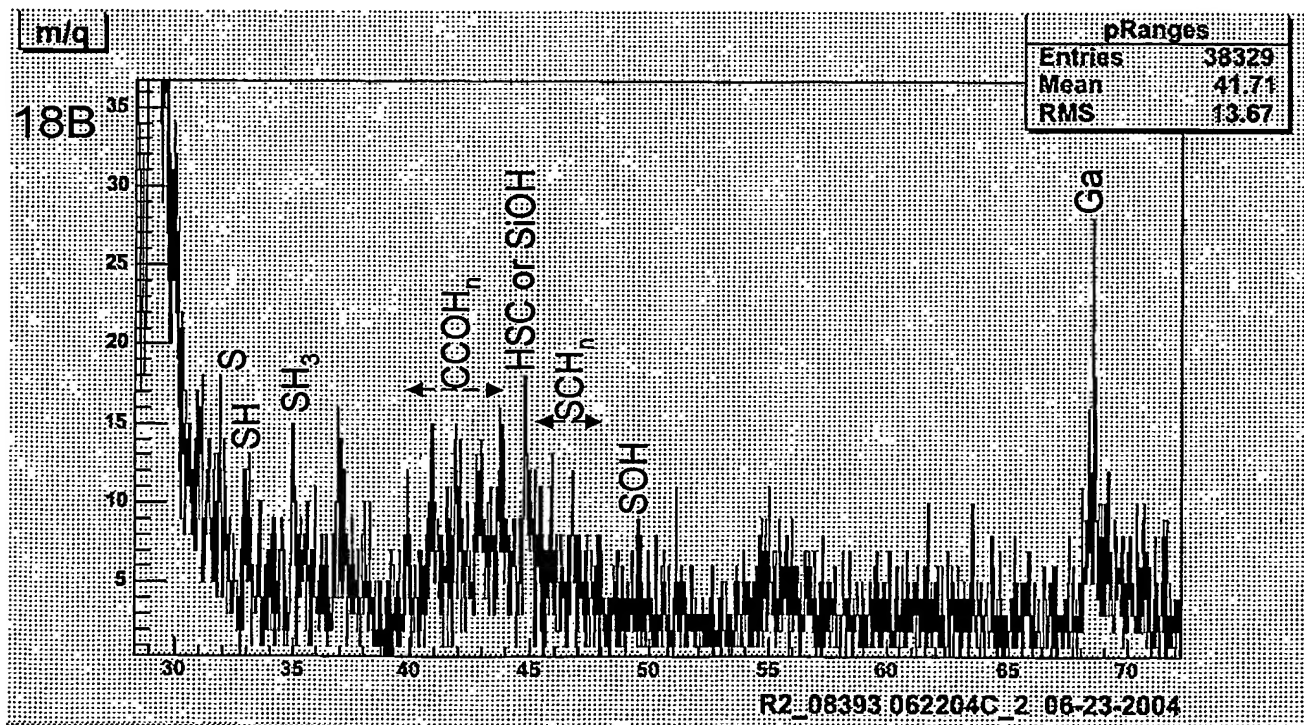
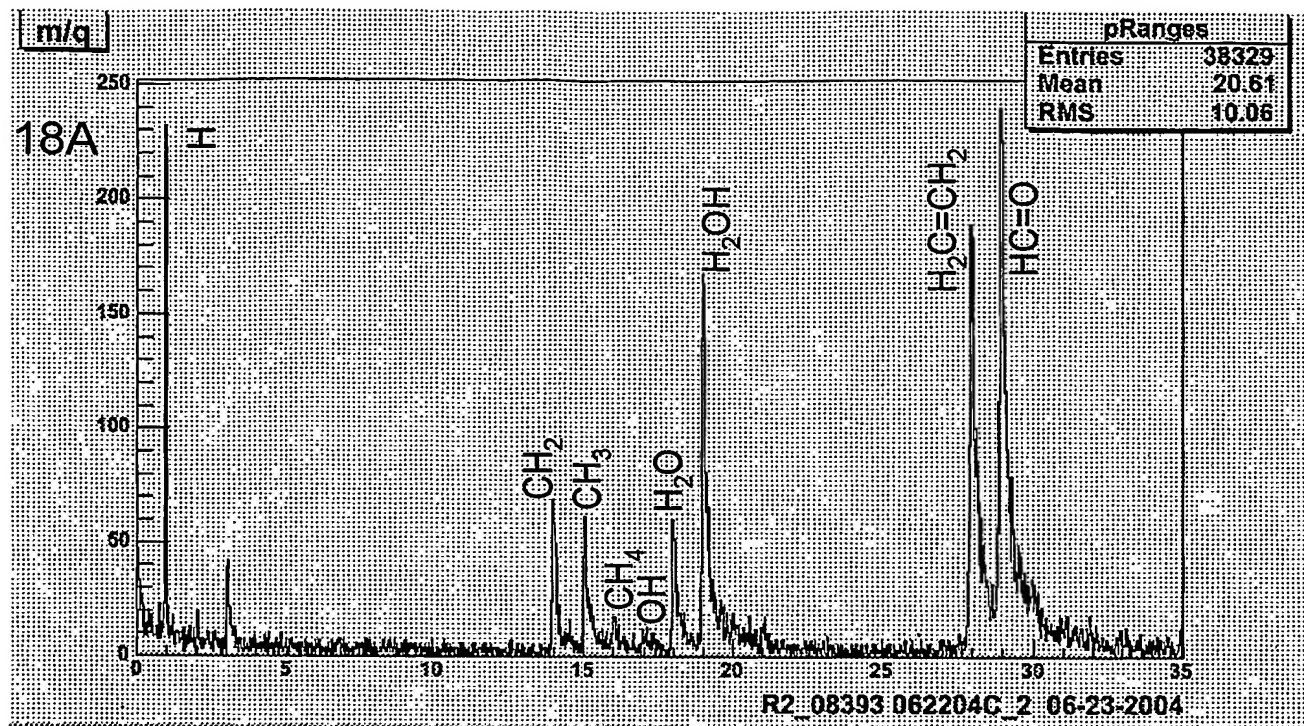
Figs. 14A, 14B, and 14C

**Fig. 15**

**Fig. 16**



Figs. 17A, 17B, and 17C



Figs. 18A and 18B

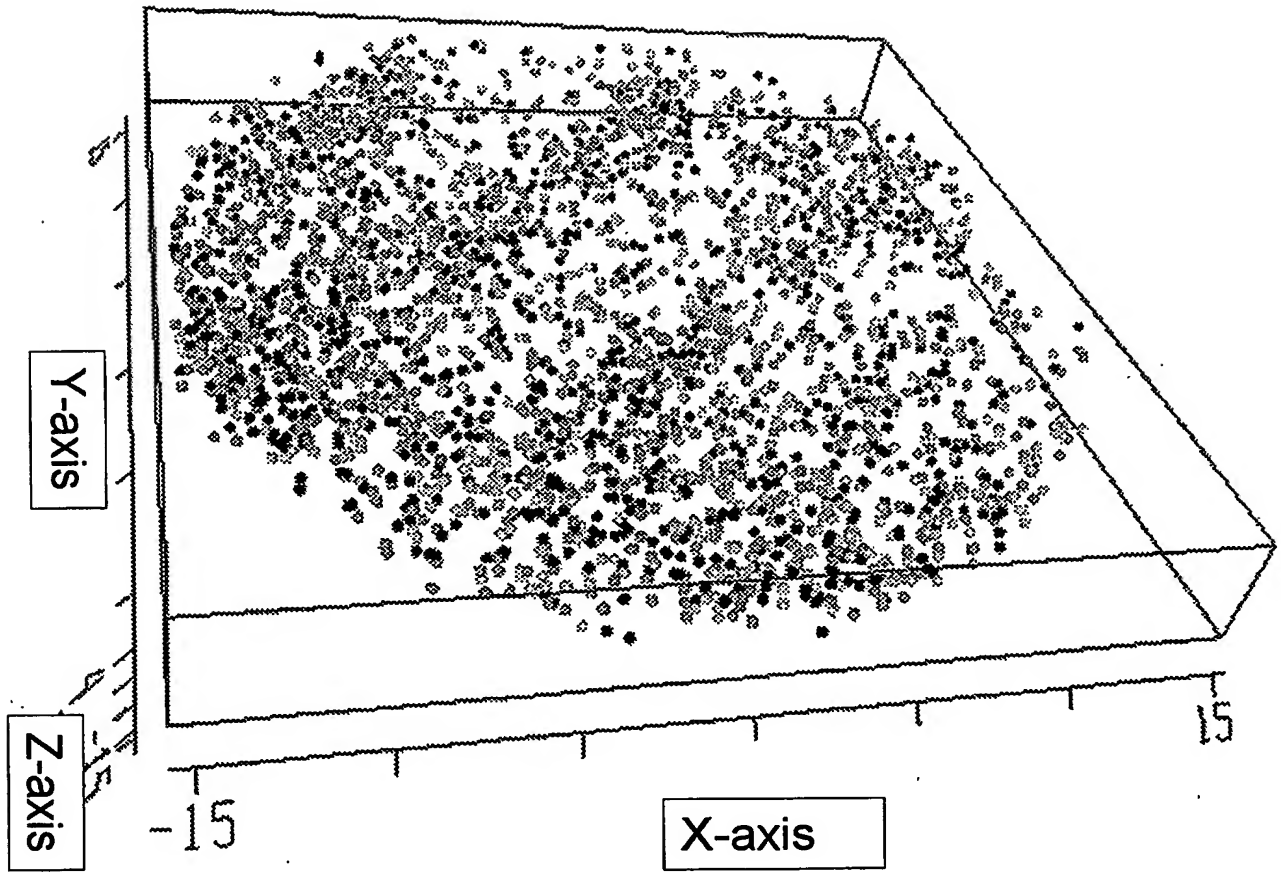
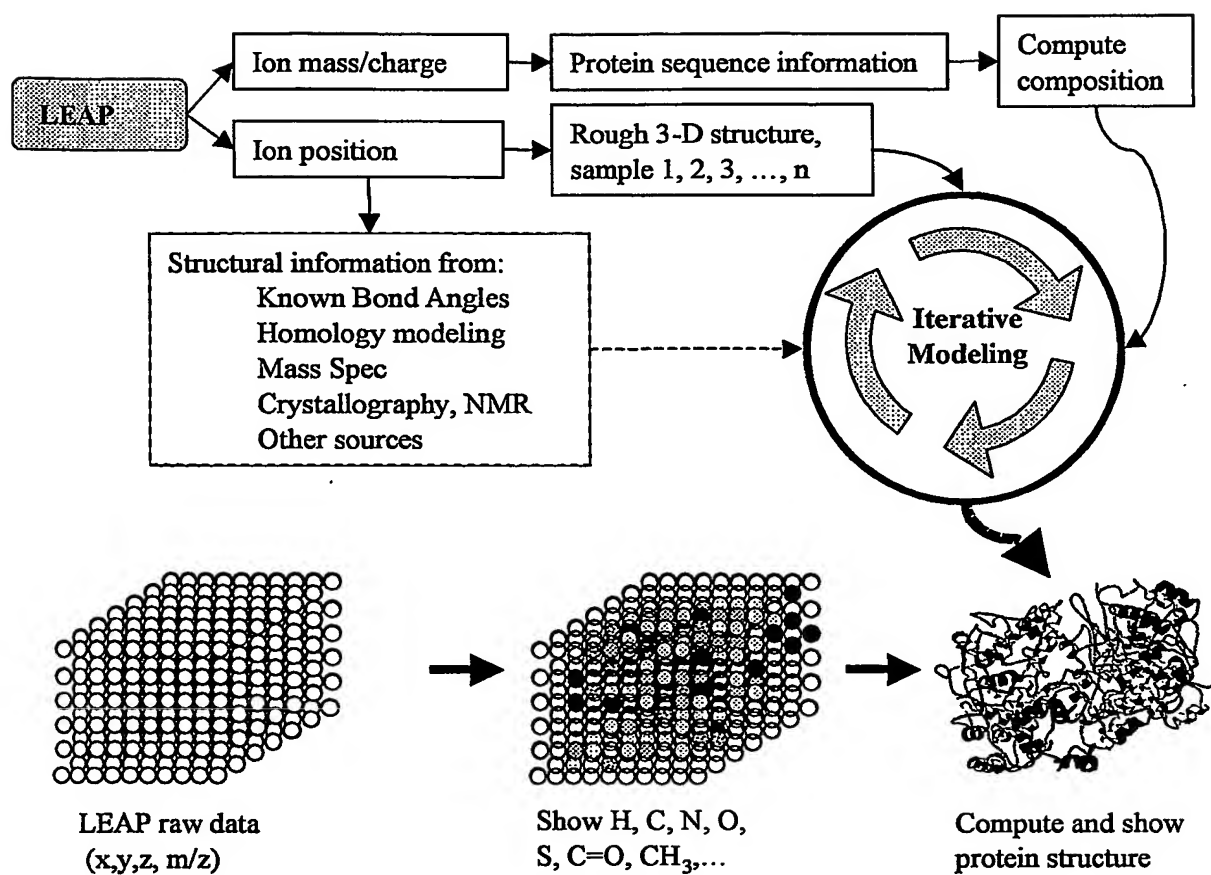


Fig. 19

**Fig. 20**